| Existing Draft FS Sections | EPA Proposed New FS Sections | | Issue No. | Issue Decisions | SubGroup Team Members | | Issue Resolution Dates | | EPA Draft Text Dates[6] | | LWG Review Text Dates[6] | | Completion of Section Date[6] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | EPA Sec. No. | EPA Section Name | | | LWG[1] | EPA | Start | Finish | Start | Finish | Start | Finish | |
| Exec. Sum. | Exec. Sum. | Executive Summary | ES | NA | NA | NA | NA | NA | 1-Sep-14 | 30-Sep-14 | 1-Oct-14 | 31-Oct-14 | 30-Nov-14 |
| 1, 2 | 1 | Introduction | 1.1 | FS database update (or not); decide which evaluations impacted[2] | | | 27-Jan-14 | 31-Jan-14 | 1-Jan-14 | 2-Feb-14 | 1-May-14 | 31-May-14 | 30-Jun-14 |
| 3.2-3.7, 6 | 2 | Ident. & Screening of Technologies | 2.1 | RAO description changes | | | 10-Feb-14 | 14-Feb-14 | 1-Mar-14 | 30-Apr-14 | 1-May-14 | 31-May-14 | 30-Jun-14 |
| | | | 2.2 | PRG selections (including background values as needed) | Kennedy, Toll | | 27-Jan-14 | 7-Feb-14 | | | | | |
| | | | 2.3 | Conceptual Site Model including: MNR weight of evidence evaluation (suitable MNR areas, bed elevation changes, propwash, HST modeling, erosion analyses, surface/subsurface sediment ratios, and other). | Russell, Werth, Ziegler | | 17-Feb-14 | 28-Feb-14 | | | | | |
| | | | 2.4 | Capping evaluation methods (suitable areas): flux and stability | Henderson | | 7-Apr-14 | 11-Apr-14 | | | | | |
| | | | 2.5 | EMNR evaluation methods (suitable areas) | Russell, Werth | | 14-Apr-14 | 18-Apr-14 | | | | | |
| | | | 2.6 | In-situ treatment evaluation methods (suitable areas) | Gardner | | 21-Apr-14 | 25-Apr-14 | | | | | |
| | | | 2.7 | Changes to identification and selection of technologies (or not) (e.g., technology assignment decision tree) | Russell, Werth, Henderson, Gardner, Verduin, Laplante | | 28-Apr-14 | 9-May-14 | | | | | |
| 3.1, 4, 5, 7 | 3 | Development and Screening of Alts. | 3.1 | COC selections | Kennedy, Toll | | 27-Jan-14 | 7-Feb-14 | 1-May-14 | 30-Jun-14 | 1-Jul-14 | 31-Jul-14 | 31-Aug-14 |
| | | | 3.2 | Integration of SDU analysis | Iverson | | 17-Mar-14 | 4-Apr-14 | | | | | |
| | | | 3.3 | RAL selections and application | | | 27-Jan-14 | 7-Feb-14 | | | | | |
| | | | 3.4 | Comprehensive benthic risk area changes (or not) | Toll | | 3-Feb-14 | 14-Feb-14 | | | | | |
| | | | 3.5 | Principal Threat Material and Oregon Hot Spots determinations | | | 3-Mar-14 | 17-Mar-14 | | | | | |
| | | | 3.6 | TZW area changes (or not) | | | 17-Mar-14 | 21-Mar-14 | | | | | |
| | | | 3.7 | SMA revisions (or not) | | | 24-Mar-14 | 28-Mar-14 | | | | | |
| | | | 3.8 | Buried contamination analysis revisions (or not) | | | 31-Mar-14 | 4-Apr-14 | | | | | |
| | | | 3.9 | SubSMA revisions (or not)[3] | | | 12-May-14 | 23-May-14 | | | | | |
| | | | 3.10 | Disposal site assignments to each alt. (including CDF decisions) | Schwarz, Verduin | | 26-May-14 | 30-May-14 | | | | | |
| | | | 3.11 | CDF sediment and discharge water treatment | Schwarz, Verduin | | 2-Jun-14 | 6-Jun-14 | | | | | |
| | | | 3.12 | Changes to volume estimates (or not) | Verduin | | 9-Jun-14 | 20-Jun-14 | | | | | |
| | | | 3.13 | Screening of alternatives methods (including screen of Alt G.) | | | 23-Jun-14 | 27-Jun-14 | | | | | |
| | | | 3.14 | Number of alternatives selection | | | 30-Jun-14 | 4-Jul-14 | | | | | |
| | | | 3.15 | Alternative options selections or refinements (e.g., -r and -i) | Verduin | | 7-Jul-14 | 11-Jul-14 | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | EPA Sec. No. | EPA Section Name | | | LWG[1] | EPA | Start | Finish | Start | Finish | Start | Finish | |
| | | | 3.16 | Sequence of SMA remediation | Verduin | | 14-Jul-14 | 18-Jul-14 | | | | | |
| | | | 3.17 | Duration calcs. (prod. rates, no. of dredges, hour/day, etc.) | Verduin, Laplante | | 21-Jul-14 | 25-Jul-14 | | | | | |
| | | | 3.18 | NMFS work window assumptions | Laplante, Appy | | 28-Jul-14 | 1-Aug-14 | | | | | |
| | | | 3.19 | Dock removal decisions | Verduin, Laplante | | 4-Aug-14 | 8-Aug-14 | | | | | |
| | | | 3.20 | Dredge water quality containment decisions (e.g., sheet piles) | Verduin, Laplante | | 11-Aug-14 | 15-Aug-14 | | | | | |
| | | | 3.21 | Dredge residuals and release assumptions | Verduin, Laplante, Patmont | | 18-Aug-14 | 22-Aug-14 | | | | | |
| | | | 3.22 | Habitat mitigation calculations | Appy, Oster | | 25-Aug-14 | 29-Aug-14 | | | | | |
| | | | 3.23 | Changes to cost estimate methods (or not)[4] | Verduin | | 1-Sep-14 | 5-Sep-14 | | | | | |
| 8, 9, 10 | 4 | Detailed Eval. of Alternatives | 4.1 | Changes to evaluation spatial scales presentation | Iverson | | 8-Sep-14 | 12-Sep-14 | 1-Jul-14 | 31-Aug-14 | 1-Sep-14 | 30-Sep-14 | 31-Oct-14 |
| | | | 4.2 | T=0 risk reduction and forward projections (e.g., T=45) | Russell, Werth | | 15-Sep-14 | 26-Sep-14 | | | | | |
| | | | 4.3 | Changes to time to meet RAOs evaluation | | | 29-Sep-14 | 3-Oct-14 | | | | | |
| | | | 4.4 | F&T modeling revisions/reruns vs. alternate approaches | Russell, Werth, Zeigler | | 6-Oct-14 | 17-Oct-14 | | | | | |
| | | | 4.5 | Flood rise modeling changes (or not) | Zeigler | | 20-Oct-14 | 24-Oct-14 | | | | | |
| | | | 4.6 | Worker risk calculation methods | Merritts | | 27-Oct-14 | 31-Oct-14 | | | | | |
| | | | 4.7 | ESA compliance determinations | Appy, Oster | | 3-Nov-14 | 7-Nov-14 | | | | | |
| | | | 4.8 | Cost effectiveness evaluation | Patmont | | 10-Nov-14 | 14-Nov-14 | | | | | |
| | | | 4.9 | Scoring/weighting of alternatives[5] | Patmont | | 17-Nov-14 | 21-Nov-14 | | | | | |
| | | | 4.10 | Place holder for any other changes to alt. evaluation methods | | | | | | | | | |
| 11 | 5 | References | Ref | NA | NA | NA | NA | NA | 1-Sep-14 | 30-Sep-14 | 1-Oct-14 | 31-Oct-14 | 30-Nov-14 |

1 - All LWG teams include Carl Stivers and Amanda Shellenberger.

2 - Dates shown only include time to decide whether to update the FS database or not. If the database is updated, the update would likely take several additional months.

3 - Per the LWG's 16-Jan-2014 RALs memo, developing new subSMAs and assigning new technologies is expected to take 4 to 10 weeks in total. About 4 weeks of this period is included in the dates shown above for resolution of issues prior to 3.9. Therefore, depending on the level of EPA changes, an additional 4 to 6 weeks could be needed at this point in the above process to fully integrate all the EPA changes into revised alternatives.

4 - Per the LWG's 16-Jan-2014 RALs memo, developing new alternatives with changes to the methods addressed by issues 3.10 through 3.23 is expected to take 4 to 8 weeks. None of this additional time is included in the dates shown above, which only include time to determine and resolve the need for changes for each of the noted issues.

5 - Per the LWG's 16-Jan-2014 RALs memo, conducting revised evaluations of new alternatives with changes to the evaluation methods addressed by issues 4.1 through 4.10 is expected to take 6 to 12 weeks. None of this additional time is included in the dates shown above, which only include time to determine and resolve the need for changes for each of the noted issues.

6 - The dates for text revisions shown are consistent with EPA's 16-Jan-2014 handout. Importantly, most of these text revision dates occur prior to resolution of key issues dates shown in prior columns in this table. This indicates the need for EPA and LWG to resolve a more consistent process for both issue resolution and text revisions.

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